

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A transmissive screen, comprising:
a Fresnel lens portion having Fresnel lens components on the light-exiting surface thereof; and
a microlens array portion disposed at a light-exiting surface side of the Fresnel lens portion and having a plurality of microlenses on a light-incident surface thereof, the light-incident surface defining a horizontal direction and a perpendicular direction, the perpendicular direction being perpendicular to the horizontal direction,
the microlenses of the microlens array portion being arrayed in a first direction and a second direction, with adjacent microlenses having common sides, the first direction being rotated by 45° with respect to the horizontal direction, the second direction being perpendicular to the first direction.
2. (Previously Presented) The transmissive screen according to claim 1, the microlenses having larger horizontal and perpendicular array pitches than oblique array pitches at an angle of 45°.
3. (Previously Presented) The transmissive screen according to claim 1, further comprising a light diffusing portion that is disposed between the Fresnel lens portion and the microlens array portion.
4. (Previously Presented) The transmissive screen according to claim 1, further comprising a diffusing sheet that is disposed at a light-exiting surface side of the microlens array portion.
5. (Previously Presented) The transmissive screen according to claim 4, further comprising a light shield member that is disposed between the microlens array portion and

the diffusing sheet, the light shield member having apertures near focal points of the microlenses.

6. (Previously Presented) A rear projector, comprising an optical projecting unit and the transmissive screen according to claim 1.

7. (Previously Presented) The transmissive screen according to claim 1, the plurality of microlenses each having a substantially four-sided shape, adjacent sides within a microlens being perpendicular to each other.

8. (New) A rear projector comprising:
an optical projecting system; and
a screen having a front side and a rear side and having a horizontal direction and a perpendicular direction, light emitted by the optical projecting system being projected onto the screen from the rear side, the screen including:

Fresnel lens components disposed between the front side and the rear side; and

a microlens array disposed between the front side and the Fresnel lens, the microlens array having a plurality of microlenses, the microlenses arrayed in a first direction and a second direction, the first direction being rotated by 45° with respect to the horizontal direction, the second direction being perpendicular to the first direction.

9. (New) The transmissive screen according to claim 8, the microlenses having larger horizontal and perpendicular array pitches than oblique array pitches at an angle of 45°.

10. (New) The transmissive screen according to claim 8, further comprising a light diffusing portion that is disposed between the Fresnel lens components and the microlens array.

11. (New) The rear projector according to claim 8, further comprising a diffusing sheet disposed between the front side and the microlens array.

12. (New) The transmissive screen according to claim 11, further comprising a light shield member that is disposed between the microlens array and the diffusing sheet, the light shield member having apertures near focal points of the microlenses.

13. (New) The transmissive screen according to claim 8, the plurality of microlenses each having a substantially four-sided shape, adjacent sides within a microlens being perpendicular to each other.